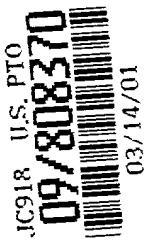
P A T E N T

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re Application of:)
)
Fiorella et al.)
)
Application No.:)
)
Filed: Herewith)
)

For: **METHODS AND APPARATUS FOR UPGRADING FIRMWARE IN AN EMBEDDED SYSTEM**

DRAWING REVIEW BRANCH
Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as Express Mail (No. EL 628667881 US) addressed to BOX PATENT APPLICATION, Commissioner for Patents, Washington, D.C. 20231 on March 14, 2001.

By. Michele Hollis
Michele Hollis

TRANSMITTAL OF FORMAL DRAWINGS

Dear Sir:

Enclosed are three (3) sheets of formal drawings for filing in the above-referenced patent application.

Please advise the undersigned attorney if correction is necessary.

Respectfully submitted,

Date: March 14, 2001
ATTORNEY DOCKET NO.: GIC-632

Barry R. Lipsitz
Attorney for Applicant(s)
Registration No. 28,637
755 Main Street, Building 8
Monroe, CT 06468
(203) 459-0200

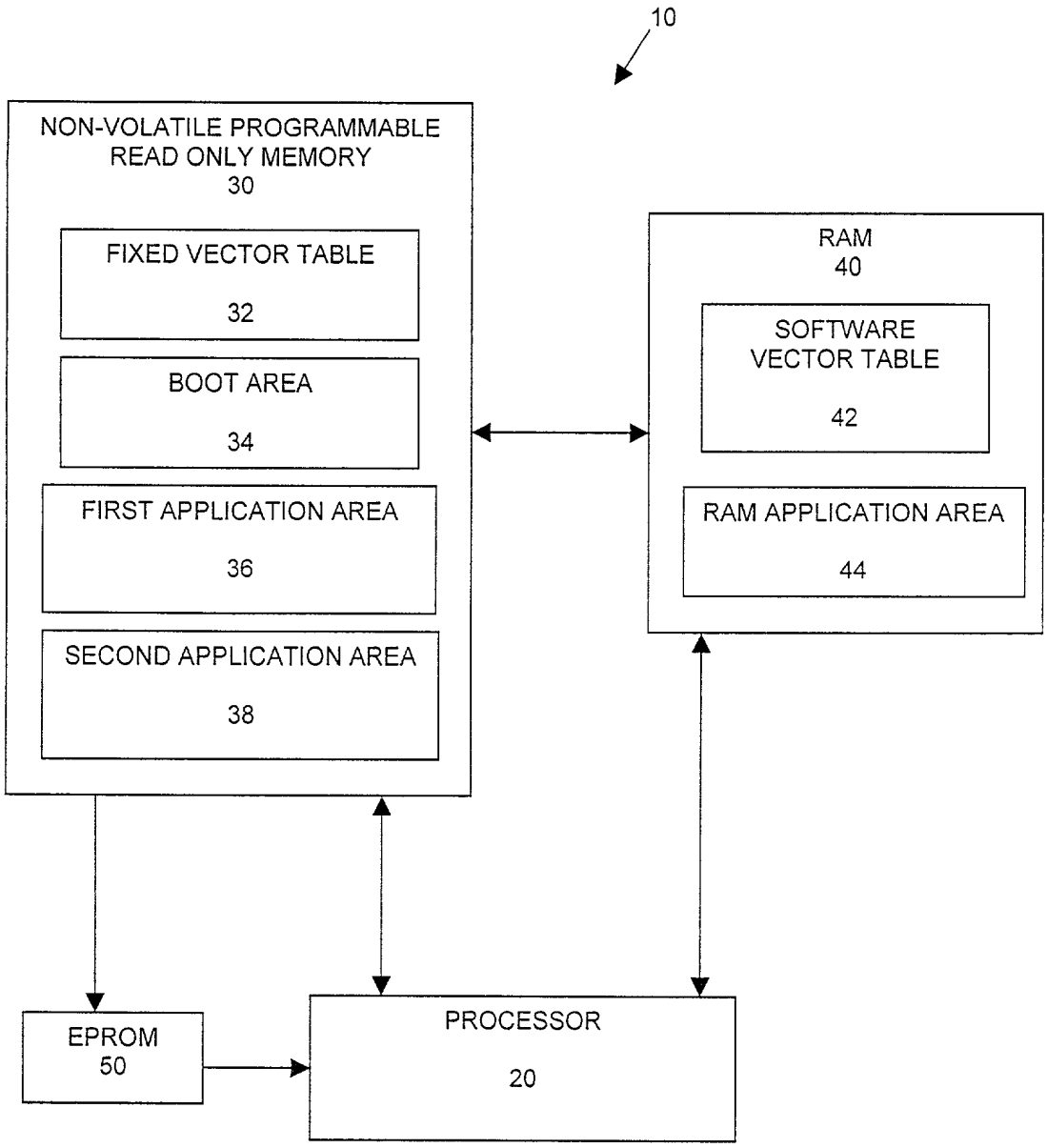

10
NON-VOLATILE PROGRAMMABLE READ ONLY MEMORY
30
FIXED VECTOR TABLE
32
BOOT AREA
34
FIRST APPLICATION AREA
36
SECOND APPLICATION AREA
38
RAM
40
SOFTWARE VECTOR TABLE
42
RAM APPLICATION AREA
44
EPROM
50
PROCESSOR
20

FIG. 1

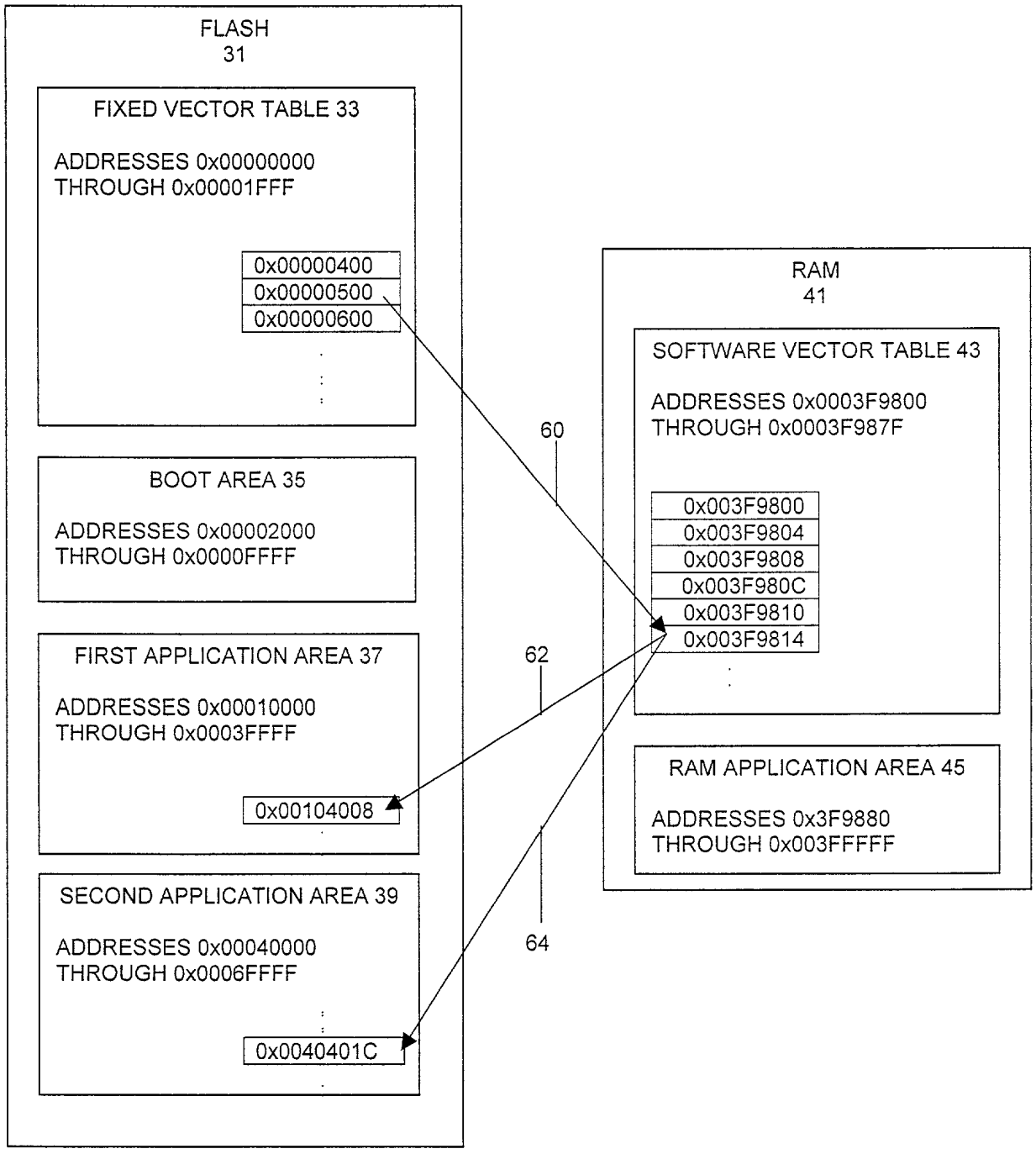

FLASH
31
FIXED VECTOR TABLE 33
ADDRESSES 0x00000000
THROUGH 0x00001FFF
0x00000400
0x00000500
0x00000600
BOOT AREA 35
ADDRESSES 0x00002000
THROUGH 0x0000FFFF
FIRST APPLICATION AREA 37
ADDRESSES 0x00010000
THROUGH 0x0003FFFF
0x00104008
SECOND APPLICATION AREA 39
ADDRESSES 0x00040000
THROUGH 0x0006FFFF
0x0040401C
RAM
41
SOFTWARE VECTOR TABLE 43
ADDRESSES 0x0003F9800
THROUGH 0x0003F987F
0x003F9800
0x003F9804
0x003F9808
0x003F980C
0x003F9810
0x003F9814
RAM APPLICATION AREA 45
ADDRESSES 0x3F9880
THROUGH 0x003FFFFF
60
62
64

FIG. 2

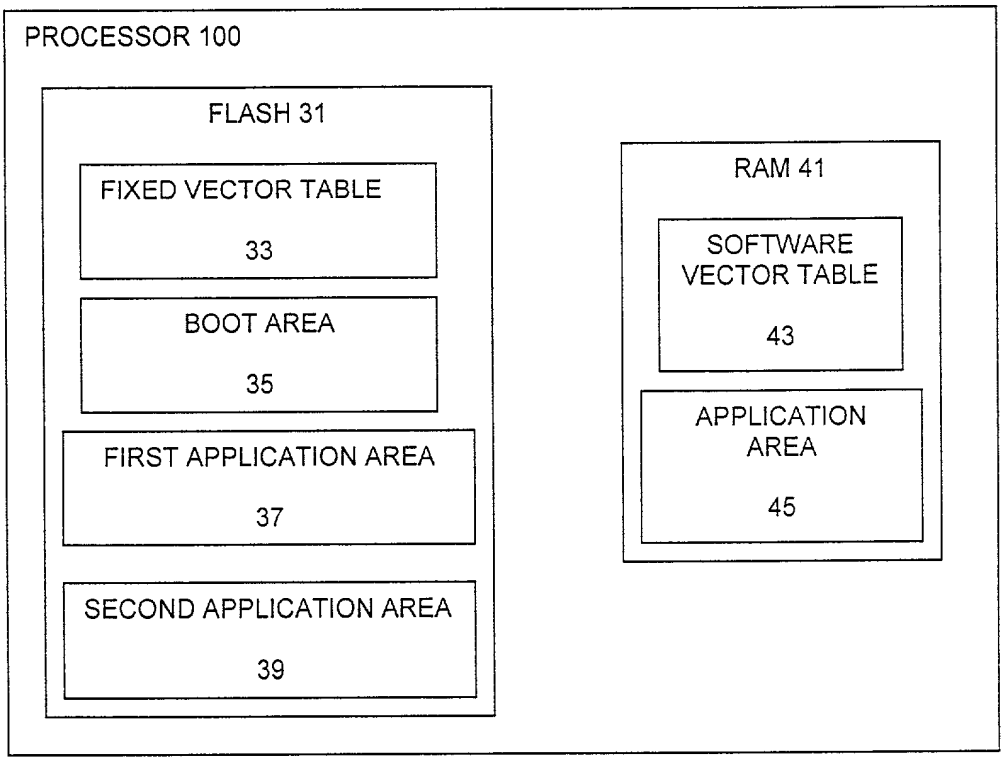

PROCESSOR 100
FLASH 31
FIXED VECTOR TABLE
33
BOOT AREA
35
FIRST APPLICATION AREA
37
SECOND APPLICATION AREA
39
RAM 41
SOFTWARE VECTOR TABLE
43
APPLICATION AREA
45

FIG. 3